AMENDMENTS TO THE SPECIFICATION

Please amend the Specification as follows:

Please replace the fourth full paragraph at page 6 with the following:

The invention ~~is~~ further resides in a process for reading radiation image information comprising the steps of:

moving in one direction the radiation image storage panel of claim 3 on which radiation image information is recorded and stored, in relation to a line sensor which comprises plural photoelectric converting elements arranged linearly and which is placed over the convex surfaces of the aligned prismatic phosphors of the storage panel on a line extending from the end of the convex surface of the aligned prismatic crystal in the same direction, under such condition that the line sensor moves on a plane parallel to the storage panel, while the phosphor layer of the storage panel is scanned with stimulating rays in a direction which is different from the direction of the movement of the storage panel and the stimulating ~~lays~~ rays are applied onto the phosphor layer approximately parallel to the aligning direction of the prismatic phosphor crystals in the phosphor layer;

detecting an emission emitting from the phosphor layer of the storage panel by the line sensor, so as to photoelectrically convert the emission to an electric signal;

detecting an electric signal of the movement of the storage panel in relation to the line sensor;

and

comparing the signal of the emission and the signal of the movement of the storage panel to produce a radiation image information in the form of electric signals.

Please replace the first full paragraph at page 7 with the following:

The invention furthermore resides in a process for reading radiation image information, comprising the steps of:

moving in one direction the radiation image storage panel of claim 4 on which radiation image information is recorded and stored, in relation to a line sensor which comprises plural photoelectric converting elements arranged linearly and which is placed below the support of the storage panel on a line extending from the end of the convex surface of the aligned prismatic crystal in the same direction, under such condition that the line sensor moves on a plane parallel to the storage panel, while the phosphor layer of the storage panel is scanned with stimulating rays in a direction which is different from the direction of the movement of the storage panel and the stimulating ~~lays~~ rays are applied onto the phosphor layer approximately parallel to the aligning direction of the prismatic phosphor crystals in the phosphor layer;

detecting an emission emitting from the phosphor layer of the storage panel by the line sensor, so as to photoelectrically convert the emission to an electric signal;

detecting an electric signal of the movement of the storage panel in relation to the line sensor;

and

comparing the signal of the emission and the signal of the movement of the storage panel to produce a radiation image information in the form of electric signals.